



Transportation Packaging Quick Facts

National Transportation Program



Cask: IF-300

Manufacturer: General Electric (GE)

Certification: Nuclear Regulatory Commission (NRC) Certification 9001 (expires September 30, 2000)

General Description:

Packaging Type: B

Gross Weight: 140,000 pounds (63,504 kilograms) loaded maximum

Capacity: 21,000 pounds (9,525 kilograms) maximum

Weight of Skid and Encloser: 40,000 pounds (18,144 kilograms)

Overall Dimensions: Length 210 inches (533.4 centimeters), Diameter 64 inches (162.6 centimeters)

Cavity Size: Length 180.2 inches (457.8 centimeters), Diameter 37.5 inches (95.2 centimeters)

Mode of Transport: Rail (principal mode), Truck, Water

Use: The General Electric IF-300 is a stainless steel-encased, 70-ton rail cask. It is shielded by depleted uranium, stainless steel, and a water-ethylene glycol mixture. The cask is certified for shipments of irradiated uranium-oxide fuel assemblies from 7 pressurized water reactors without channels, 17 boiling water reactors with channels, or 18 boiling water reactors without channels.

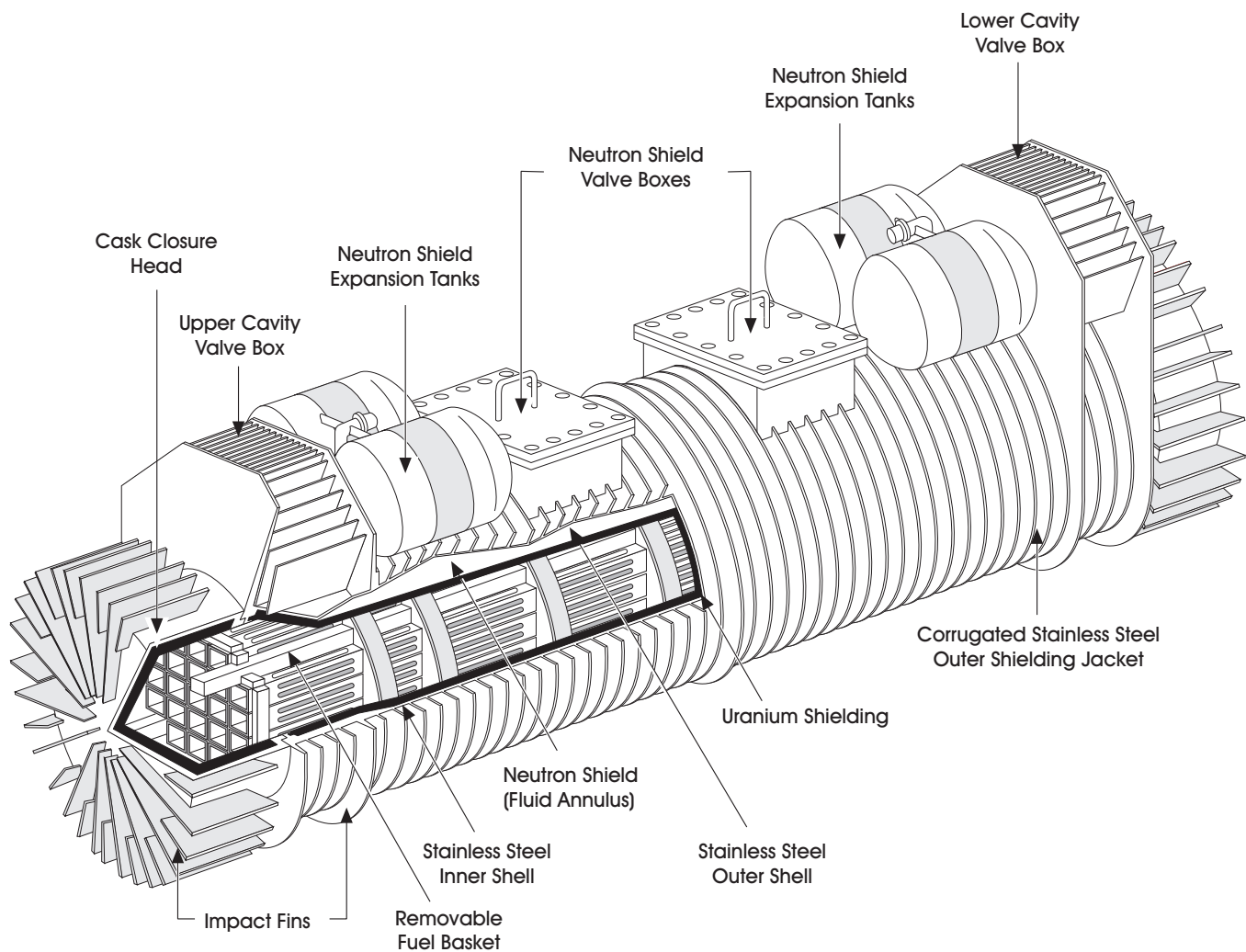
Frequency of Use: Twice a month

Loading Process: Authorized for vertical loading in wet environment (shipped dry)

Owner: Carolina Power and Light
Raleigh, NC

Chem-Nuclear Systems
Columbia, SC





IF-300 Shipping Cask

Additional information on DOE's National Transportation Program may be obtained from:

National Transportation Program
U.S. Department of Energy
Albuquerque Operations Office
P.O. Box 5400, MS SC-5
Albuquerque, NM 87185-5400

Phone : 505-845-6134
Fax: 505-845-5508

Website:
<http://www.ntp.doe.gov/>

DOE Center for Environmental
Management Information
P.O. Box 23769
Washington, DC 20026-3769

1-800-7EM-DATA
1-800-736-3282

Website:
<http://www.em.doe.gov/>

Transportation Resource Exchange Center
ATR Institute
University of New Mexico
1001 University Blvd., SE
Albuquerque, NM 87106-4342

Phone : 1-877-287-TREX (8739)
Fax: 505-246-6001
email: trex@unm.edu

Website:
<http://www.unm.edu/~trex>